

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES 1
2. AMENDMENT/MODIFICATION NO. 0007	3. EFFECTIVE DATE 7/3/03	4. REQUISITION/PURCHASE REQ. NO. W25PHS-3100-9014	5. PROJECT NO. (If applicable)	
6. ISSUED BY US Army Engineer District, Philadelphia Wanamaker Building, 100 Penn Square East Philadelphia, Pennsylvania 19107-3390	CODE	7. ADMINISTERED BY (If other than Item 6) Attn: Michelle Bertoline, 215-656-6914	CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)			(√)	9A. AMENDMENT OF SOLICITATION NO. DACW61-03-R-0022
			×	9B. DATED (SEE ITEM 11) May 8, 2003
				10A. MODIFICATION OF CONTRACTS/ORDER NO.
				10B. DATED (SEE ITEM 13)
CODE	FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers tended. ☐ is extended, ☒ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

20 Inch Cutterhead Suction Dredge

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(√)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

THIS AMENDMENT DOES NOT EXTEND THE PROPOSAL DUE DATE OF 23 JULY 2003 AT 4:00 P.M.

Please indicate receipt of this Amendment on Standard Form 33 (SOLICITATION, OFFER AND AWARD) as Amendment Number 0007. Failure to acknowledge all Amendments may be cause for rejection of the offer.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)		16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	
15C. DATE SIGNED		16C. DATE SIGNED	

14. DESCRIPTION OF AMENDMENT

- a. Please delete the CAUTION TO BIDDERS sheet and substitute with the revised page annotated Amendment Number 0007 attached hereto.
- b. SECTION C – DESCRIPTION/SPECIFICATION/STATEMENT OF WORK: Delete pages C-5, C-76 and C-97 in their entirety and substitute with the revised pages annotated Amendment Number 0007 attached hereto.

CLARIFICATION: SECTION C-760 – The shore power receptacle will be used to power hotel services only and the 100 amp rating is required, as specified in the Request for Proposal, for (a) compatibility with dockside electrical service and (b) ample power availability for the anticipated hotel loads.

- c. Please indicate receipt of this Amendment on Standard Form 33 (SOLICITATION, OFFER AND AWARD) as Amendment Number 0007. Failure to acknowledge all Amendments may be cause for rejection of the offer.

CAUTION TO BIDDERS

All information required by the terms of the Solicitation must be furnished. MISTAKES OR OMISSIONS CAN BE COSTLY. Important items for you to check are included in but not limited to those listed below. This checklist is furnished only to assist you in submitting a proper bid. Check as you read.

☐ Are you registered in the Central Contractor Database? See DFARS Clause 252.204-7004 "Required Central Contractor Registration" in Section I of this solicitation?

☐ Are in compliance with the VETS-100 reporting requirement? See FAR 52. 52.222-37 "Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans in Section" in Section I of this solicitation?

☐ Have you acknowledged all amendments? Have you submitted your bid on the latest amended bid schedule?

☐ Have you completed the "Representations and Certifications" {Section K} portion of the Solicitation? Is your Contractor Establishment Code listed on the Standard Form 33?

☐ Is your bid properly signed by an officer of your company?

☐ If a bid guarantee is required, is it included with your bid and is it in the proper amount? {Usually 20 percent of the total bid price, including any options or additives.} If your bid guarantee is in the form of a bid bond, is the bond properly signed by both the bidder and surety (BONDING DOCUMENTS, INCLUDING THE POWER OF ATTORNEY, SHOULD BEAR AN ORIGINAL SIGNATURE AN OFFICER OF THE SURETY) and are all required seals affixed? A bid guarantee is required when your bid exceeds \$100,000.00. A late bid guarantee is treated the same as a late bid.

☐ Is the name in which you submitted the bid the same on your bid as on the bid bond?

☐ If required, have you entered a unit price for each bid item? {The solicitation will specifically state when this is necessary.}

☐ The Government may reject a bid as nonresponsive if it is materially and mathematically unbalanced as to price for any bid item or combination of items. A bid is unbalanced when it is based on prices significantly less than cost for some work and prices which are significantly overstated for other work.

☐ Are decimals in unit prices in the proper places? Are your figures legible?

☐ Are the extensions of your unit prices, and your total bid price correct?

☐ Are all erasures or corrections initialed by the person signing the bid?

☐ Have you restricted your bid by altering the provisions of the solicitation?

☐ If you are a large business and your bid is greater than \$500,000 for service or \$1,000,000.00 for construction have you included your Sub-Contracting Plan in your bid package? (NOTE: PLEASE REFER TO SUBCONTRACTING PLAN IN SOLICITATION FOR GOALS).

☐ Is the envelope containing your bid properly identified that it is a sealed bid and does it contain the correct solicitation number and bid opening time?

☐ Will your bid arrive on time? See paragraph entitled "Late Submissions, Modifications, and Withdrawals of Bids" in the Instructions to Bidders {Section L} of the solicitation.

July 1, 2003

SECTION SF 30 – BLOCK 14 CONTINUATION PAGE

INSTRUCTIONS FOR USING AMENDED PAGES

1. Pages provided by amendment are to be substituted into the original Request For Proposal (RFP) document. Where an existing page number is provided as part of the amendment, the amended page is to be inserted and the original page with the same number discarded. Where a new page is provided, such as C-XX-A, it is to be added to the RFP document. Pages not addressed by amendment remain unaffected.

2. The amended pages use a Redline/Strikeout technique to show changes from the last issue of the page and simplify the contractor's effort in locating the changes. The technique works as follows:

a. Text that is *added* appears as underlined, and is also indicated by margin revision marks. This text must be considered by the contractor in preparing a bid.

b. Text that is *deleted* appears as ~~strikeout, and is also indicated by margin revision marks~~. Text so designated has been deleted and only appears to allow contractors to quickly determine "what has been deleted". This text should be disregarded by the contractor in preparing a bid.

c. Text that does not have the above appearance has *not* been altered.

d. In some cases, an alphabetical character has been added to a page number, to create a new page that allows room for a replacement page or "overflow" text.

INDEX OF CHANGES

<u>PAGES</u>	<u>CHANGED BY</u>	<u>REV I.D. NO</u>
INSTRUCTIONS/INDEX-1	Amendment 0007	3 July 2003
C-5	Amendment 0007	3 July 2003
C-76	Amendment 0007	3 July 2003
C-97	Amendment 0007	3 July 2003

Dredge machinery shall feature an inboard dredge pump and a skid mounted, diesel engine-driven booster pump. Diesel generator(s) shall supply all electrical onboard power requirements, and either hydraulic or variable speed electric drives shall power the spuds, ladder hoist winch, swing drive winches, and the cutterhead. A ~~hydraulically operated~~ traveling spud and carriage shall be used to advance the dredge during dredging.

The following dimensional constraints shall apply:

- The highest point on the dredge shall not exceed 45'-0" above the waterline.
- The maximum draft shall not exceed 6'-0".
- The overall beam shall be 40'-0" for compatibility with other floating plant in the fleet.
- The overall length of the dredge shall be determined by the cut width requirement.
- The maximum freeboard shall not exceed 3'-0".

The vessel will be pushed-towed to the job site at the front of a fleet of vessels.

The dredging season is from May to November and consists of a succession of short mobilizations. During operation, the dredge could be subjected to 5 mph river currents and a wind speed of 30 mph. When moored (with both spuds down), the dredge may be subjected to 80 mph wind speeds (and 5 mph river currents). A typical operating day will last 24 hours.

C003 DESIGN STANDARDS

The dredge shall be designed and constructed in accordance with the latest edition and interpretations of the rules, regulations, requirements and standards of the Legislation, Regulatory Agencies and technical organizations listed as follows or as stipulated in the respective specification clause:

- U.S. Army Corps of Engineers, Publication No. EM 385-1-1; "Safety and Health Requirements Manual." May be viewed at internet web site: <http://www.usace.army.mil/inet/usace-docs/eng-manuals/em385-1-1/toc.htm>
- American Bureau of Shipping (ABS) "Rules for Building and Classing Steel Vessels for Service on Rivers and Intracoastal Waterways."

C705 AC ELECTRICAL SYSTEMS

A. PRIMARY POWER SYSTEM

The primary power system supplied for the dredge shall be rated as either a 480 volt or a 600-volt, AC, 3-phase, 3-wire, 60 Hz, ungrounded system. Power to this system shall be supplied by the main generator set(s). ~~or through shore power. If a 600-VAC system is used as primary power, provisions shall be made for a 480-volt AC secondary system capable of being supplied by either the 600-volt system or the shore power receptacle.~~

B. ~~SECONDARY 208Y/120 VAC~~ POWER SYSTEM

The ~~secondary power system supplied for the~~ dredge shall be provided with a rated as a 208Y/120 volt AC, 3 phase, 4-wire, 60 Hz, grounded power system. Power to this system shall be supplied from the ~~main switchboard~~ 480-VAC system through a transformer.

C706 DC ELECTRICAL SYSTEMS

A. DESCRIPTION OF WORK

The Contractor shall supply and install a 12 volt DC electrical system for the communication equipment, and emergency lighting. The system components shall be sized based on the DC Load Analysis calculated per contract Clause C710 and a One Line Diagram (DC) shall be prepared for the system in accordance with contract Clause C720.

The DC system power supply, battery charger, battery, and distribution panel shall be located in the machinery space.

Equipment supplied that requires 24-volt DC power for operation shall be either:

- Connected to the 12 volt DC system via a 24 volt DC to 12 volt DC converter
- Or installed with its own dedicated power supply

For reference, systems requiring DC power that are not part of the DC systems are the Fire Detection & Alarm System (contract Clause C678), the General Alarm System (contract Clause C692), and the starting battery system(s) supplied for the diesel generator set(s).

C755 TRANSFORMERS

A. TRANSFORMER SIZING REQUIREMENTS

The Contractor shall provide and install one transformer to connect the 480 volt AC, three phase, 3-wire, 60 Hz system to the 208Y/120 volt AC, three phase, 4 wire, 60 Hz system. If a 600 VAC primary power system is used, a second transformer may be used to connect the 600 VAC system to the 480 VAC system.

The transformer shall be sized based on the results of the AC Load Analysis and the development of the AC One-Line Diagram. See contract Clauses C710 and C720.

B. GENERAL REQUIREMENTS

The transformer shall be three phase, 60 Hz, marine dry type, convection air cooled and shall be adequately sized to satisfy system requirements.

The secondary system shall be bonded at the transformer.

The Contractor is responsible for providing a foundation beneath the transformer.

C. INSULATION

The transformer shall have class H insulation and copper conductors. The design ambient temperature shall be a minimum of 50 degrees C. The transformer shall be designed to deliver rated KVA continuously without the benefit of internal fans to circulate air. All insulating materials shall be in accordance with NEMA standards.

Provisions shall be made to completely isolate the core and coil from the enclosure. There should be no metal-to-metal contact. Rubber vibration isolating pads shall be installed by the manufacturer between the core and the enclosure. The core should then be visibly grounded to the enclosure by means of a flexible grounding conductor.

D. CONSTRUCTION

The enclosure shall be constructed of heavy gauge sheet steel, shall be drip-proof, and shall be given a suitable corrosion resisting treatment. The entire assembly shall be rigid self-supporting construction. Panels shall be capable of being readily open or removed for access to interior for installation, maintenance, and repair.